



38

CLAIMS

RECEIVED
JUN 22 2001
Technology Center 2100

1. What is claimed is:

A method of wireless networking, comprising:

providing a remote terminal unit;

5 creating a transmission protocol with an Internet Protocol for the remote
terminal unit; and

sending the created protocol.
2. A method according to claim 1, wherein the created protocol includes slip
frames containing an Internet Protocol packet and other frames containing link control
10 information.
3. (Amended) A system for wireless networking, comprising:

a remote terminal unit;

means for creating a transmission protocol with an Internet Protocol for the
remote terminal unit; and

15 means for sending the created protocol.
4. A system according to claim 3, wherein the created protocol includes slip frames
containing an Internet Protocol packet and other frames containing link control
information.
5. (Added) A system for wireless networking to communicate with remote
20 terminals, comprising:

a protocol conversion module for converting time discrete input information to
information formatted for sending to remote terminals in data packets;

a router module for internally routing said data packets;

said protocol conversion module for converting the time discrete input information into an Internet Protocol base protocol;

5

a wireless protocol module for creating links to the remote terminals;

a wireless device interface module for providing wireless transceiver interfacing; and

10

at least one transceiver for responding to said interface module for sending information wirelessly to remote terminals.

6. (Added) A system according to claim 1, wherein said protocol conversion module converts the instrumentation time discrete information in an IP * GAS1d protocol.

15

7. (Added) A method for wirelessly networking to communicate with remote terminals, comprising:

20

converting time discrete input information to information formatted for sending to remote terminals in data packets;

internally routing said data packets;

25

converting the time discrete input information into Internet Protocol base protocol;

creating links wirelessly to the remote terminals;

30

interfacing the links; and

sending information wirelessly to remote terminals via said links.